

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20030235707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/29 08:17
L2	2	"5753422".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/29 08:17
S1	263	pigment and hydrophobic and bivalent and hetero	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/04 12:19
S2	90	pigment and hydrophobic and bivalent and hetero and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 09:43
S3	21	pigment and hydrophobic and bivalent and hetero and ink\$jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 09:41
S4	2	"20040239740"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 09:52
S5	4	"10095942" "07219113"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/24 09:39
S6	1	347/100 and hetero adj bond same bivalent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/06 13:37

## EAST Search History

S7	6	hetero adj bond same bivalent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/06 11:10
S8	13	"09176543" "54130620" "2001172532" "10095942" "07219113" "2003084381"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/06 11:09
S9	10	hetero adj bond same (bi\$valent or di\$valent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/06 11:10
S10	8	hetero adj bond same (bi\$valent or di\$valent) and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/06 11:11
S11	546	hetero same (bi\$valent or di\$valent) and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/06 11:11
S12	145	hetero with bond\$3 same (bi\$valent or di\$valent) and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/06 11:12
S13	44	hetero near5 bond\$3 same (bi\$valent or di\$valent) and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/06 11:23
S14	11	hetero near5 bond\$3 near5 link\$3 same (bi\$valent or di\$valent) and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/06 12:59

## EAST Search History

S15	165	(link\$3 with bond\$3 with (nitrogen or oxygen or sulfur or halide\$2 or hetero)) same (bi\$valent or di\$valent) and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/06 13:41
S16	11	(link\$3 with bond\$3 with (nitrogen or oxygen or sulfur or halide\$2 or hetero)) same (bi\$valent or di\$valent) and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/06 13:01
S18	1512525	(ether or thioether or ester or thioester or sulfonyl or amide or imide or sulfonamide or urethane or urea or thiourea)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 14:10
S19	187276	bi\$valent or di\$valent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 14:10
S20	23155	S18 with S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 14:11
S21	1897129	link\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 14:11
S22	4229	S20 with S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 14:12
S23	96765	ink\$jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 14:12

## EAST Search History

S24	88965	hetero	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 14:12
S25	116	S22 with S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 14:13
S26	6	S25 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 15:08
S28	503	("--CH.sub.2CH"(OH)"CH.sub.2O-- --)" or ("--CH.sub.2C"("CH.sub. 3"))(OH)"CH.sub.2O--") or ("--CH. sub.2C"("C.sub.2H.sub.5")(- OH)"CH.sub.2O--")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 15:08
S29	503	("--CH.sub.2CH"(OH)"CH.sub.2O-- --)" or ("--CH.sub.2C"("CH.sub. 3"))(OH)"CH.sub.2O--") or ("--CH. sub.2C"("C.sub.2H.sub.5")(- OH)"CH.sub.2O--") and ink\$jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 15:09
S30	503	("--CH.sub.2CH"(OH)"CH.sub.2O-- --)" or ("--CH.sub.2C"("CH.sub. 3"))(OH)"CH.sub.2O--") or ("--CH. sub.2C"("C.sub.2H.sub.5")(- OH)"CH.sub.2O--") and ink\$jet and (structural near unit\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 15:10
S31	503	("--CH.sub.2CH"(OH)"CH.sub.2O-- --)" or ("--CH.sub.2C"("CH.sub. 3"))(OH)"CH.sub.2O--") or ("--CH. sub.2C"("C.sub.2H.sub.5")(- OH)"CH.sub.2O--") and ink\$jet and (structural near unit\$) and (surface adj tension)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 15:10
S32	503	("--CH.sub.2CH"(OH)"CH.sub.2O-- --)" or ("--CH.sub.2C"("CH.sub. 3"))(OH)"CH.sub.2O--") or ("--CH. sub.2C"("C.sub.2H.sub.5")(- OH)"CH.sub.2O--") and ink\$jet and (structural near unit\$) and (surface adj tension) and (penetration adj promoter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 15:14

## EAST Search History

S33	0	("--CH.sub.2CH"(OH)"CH.sub.2O--" --) or ("--CH.sub.2C adj ("CH.sub.3""(OH) adj CH.sub.2O--") or ("--CH.sub.2C"("C.sub.2H.sub.5")(- OH)"CH.sub.2O--") and ink\$jet and (structural near unit\$) and (surface adj tension) and (penetration adj promoter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 15:14
S34	0	("--CH.sub.2CH"(OH)"CH.sub.2O--" --) or ("--CH.sub.2C"("C.sub.2H.sub.5")(- OH)"CH.sub.2O--") and ink\$jet and (structural near unit\$) and (surface adj tension) and (penetration adj promoter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 15:15
S35	25	ink\$jet and penetration adj promoter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 15:18
S36	1222	ink\$jet and (surface adj tension) with ("20" or "60")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 15:19
S37	336	347/100 and (surface adj tension) with ("20" or "60")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/06 15:19
S38	247	(oil\$soluble or oil near soluble) with polymer and dissocia\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 08:01
S39	71	(oil\$soluble or oil near soluble) with polymer and dissocia\$5 and ink\$jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 08:04
S40	66	(oil\$soluble or oil near soluble) with (polymer and dye) and dissocia\$5 and ink\$jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 08:07

## EAST Search History

S41	2	"11286637"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 08:27
S42	452	(oil\$soluble) with (polymer and dye)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 08:42
S43	43446	dissociative or dissociable or dissociate or dissociates or dissociating or disassociative	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 11:55
S44	9804	mmol\$g	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 08:38
S45	23	S43 with S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 08:38
S46	17	S45 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 08:38
S47	17	S46 and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 08:38
S48	452	((oil\$soluble) with polymer) and ((oil\$soluble) with dye)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 11:01

## EAST Search History

S49	17	S48 and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 08:43
S50	26	((oil\$soluble) with polymer) same (carboxyl or sulfonic) and ((oil\$soluble) with dye)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 11:01
S51	8	S45 and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 11:01
S52	6165	dissociative or dissociable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 11:55
S53	17	S52 with S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 11:55
S54	12	S52 and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 12:26
S55	55	oil\$soluble with polymer with mass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 12:27
S56	64	oil\$soluble with dye with mass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 12:27

## EAST Search History

S57	24	S56 and S55 and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 12:29
S58	24	S56 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 12:32
S59	13	S56 and S55 and (percent or percentage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 14:11
S60	206667	polyvinyl alcohol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 14:12
S61	19712	polyvinyl near alcohol and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 14:12
S62	19653	(polyvinyl adj alcohol) and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 14:12
S63	4415	(polyvinyl adj alcohol) and ink\$jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 14:12
S64	80086	(aono or ikeda).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 14:14



## EAST Search History

S65	595	(aono or ikeda).in. and ink\$jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/12 14:14
S66	20531	ink and poly\$vinyl adj alcohol\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 15:01
S67	6674	("347"/\$3 or "106"/\$3) poly\$vinyl adj alcohol\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 15:08
S68	2973	("347"/\$3 or "106"/\$3) poly\$vinyl adj alcohol\$1 and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 15:08
S69	4157426	"100"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 15:08
S70	5554	("347"/100 or "106"/\$3) poly\$vinyl adj alcohol\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/16 10:58
S71	538	("347"/100) poly\$vinyl adj alcohol\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 15:12
S72	486	"C.sub.3" with "H.sub.6" with "O. sub.2"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 15:13

## EAST Search History

S73	886	("C.sub.3" with "H.sub.6" with "O.sub.2") or ("C.sub.4" with "H.sub.8" with "O.sub.2") or ("C.sub.3" with "H.sub.10" with "O.sub.2") and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 15:14
S74	376	("C.sub.3" adj "H.sub.6" adj "O.sub.2") or ("C.sub.4" adj "H.sub.8" adj "O.sub.2") or ("C.sub.3" adj "H.sub.10" adj "O.sub.2") and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 15:18
S75	0	((("C.sub.3" adj "H.sub.6" adj "O.sub.2") or ("C.sub.4" adj "H.sub.8" adj "O.sub.2") or ("C.sub.3" adj "H.sub.10" adj "O.sub.2"))) with (group or sub\$group) and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 15:19
S76	0	((("C.sub.3" adj "H.sub.6" adj "O.sub.2") or ("C.sub.4" adj "H.sub.8" adj "O.sub.2") or ("C.sub.3" adj "H.sub.10" adj "O.sub.2"))) same (group or sub\$group) and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 15:21
S77	1166	(kenji near ikeda) or (toshiaki near aono)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 15:21
S78	104	S77 and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 15:31
S79	463	CH2CH(OH)CH2O	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 15:32
S80	214	CH2CH(OH)CH2O	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/12/15 15:32

## EAST Search History

S81	8	CH2CH(OH)CH2O and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/12/15 15:35
S82	0	CH2C(CH3)(OH)CH2O and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/12/15 15:36
S83	0	CH2C(C2H5)(OH)CH2O and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2005/12/15 15:36
S84	1667	347/100	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/16 10:58
S85	2	"10095942"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/16 11:22
S86	8	"6048660"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/16 12:37
S87	2	"07219113"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/16 12:37
S88	2	"20020143079"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/16 12:55

## EAST Search History

S89	1854	347/100.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/16 13:56
S90	3	"2001181548"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/16 13:56
S91	2	"6521031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 14:40
S92	581	photopolymerizable adj monomer and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 14:40
S93	11	photopolymerizable adj monomer with oil\$soluble with dye and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 14:42
S94	11	photopolymerizable adj monomer with oil\$soluble with dye	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 14:43
S95	6	"10095942" "200181548" "6521031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 14:46
S96	1	2002-049273.NRAN.	DERWENT	AND	OFF	2005/12/16 14:44
S97	0	"20010181548"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 14:45

## EAST Search History

S98	2	"200181548"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 14:46
S99	3	"2001081548"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 14:46
S10 0	0	photo\$polymerizable\$monomer with oil\$soluble near dye and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/19 07:05
S10 1	12	photo\$polymerizable adj monomer with oil\$soluble near dye and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/19 07:07
S10 2	12	photo\$polymerizable adj monomer\$1 with oil\$soluble near dye and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/19 07:06
S10 3	12	photo\$polymerizable adj monomer with oil\$soluble near dye	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/19 07:15
S10 4	2087	photo\$polymerizable adj monomer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/19 07:08
S10 5	629	S104 and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/19 07:09

## EAST Search History

S10 6	228	S104 and hydrophobic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/19 07:10
S10 7	128	S104 and hydrophobic and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/19 07:11
S10 8	39	S104 with ink and dye	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/19 07:11
S10 9	1	2004-286760.NRAN.	DERWENT	AND	OFF	2005/12/19 07:12
S11 0	19	photo\$polymerizable adj monomer and oil\$soluble near dye	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/19 07:15
S11 1	7	S110 not S102	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/19 07:20
S11 2	3	"2001181548"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/19 07:20
S11 3	1	2002-002086.NRAN.	DERWENT	AND	OFF	2005/12/19 07:21
S11 4	2	"20020067399"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/19 07:36

## EAST Search History

S11 5	3	"2002088294"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/19 09:02
S11 6	4	"6509125"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/19 09:02
S11 7	3	"2002088294"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/19 09:32
S11 8	0	("6521031" "6048660" "20020143079" "20020060727").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/04 12:19
S11 9	8	("6521031" "6048660" "20020143079" "20020060727").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 12:20
S12 0	13	("09176543" "54130620" "2001172532" "10095942" "07219113" "2003084381").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:06
S12 1	4	("09176543" "54130620" "2001172532" "10095942" "07219113" "2003084381").pn. and pigment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 12:22
S12 2	1191	((aono.in. near toshiaki) or (iked in. near kenji))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 12:22

## EAST Search History

S12 3	126	((aono.in. near toshiaki) or (iked in. near kenji)) and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 12:23
S12 4	1	1998-280511.NRAN.	DERWENT	AND	OFF	2006/05/04 12:52
S12 5	1	1995-323727.NRAN.	DERWENT	AND	OFF	2006/05/04 12:34
S12 6	472	ink and general near formula	DERWENT	AND	OFF	2006/05/04 12:55
S12 7	2	(bi\$valent with link\$3 with group with hetero near bond)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:07
S12 8	9	((bi\$valent or bivalent or di\$valent or divalent) with link\$3 with group with hetero near bond)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:09
S12 9	9	((bi\$valent or bivalent or di\$valent or divalent) with link\$3 with hetero near bond)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:12
S13 0	587	((bi\$valent or bivalent or di\$valent or divalent) with link\$3 with (hetero or heterocyclic) with bond)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:12
S13 1	12	((bi\$valent or bivalent or di\$valent or divalent) with link\$3 with (hetero or heterocyclic) near bond)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:13
S13 2	208	((bi\$valent or bivalent or di\$valent or divalent) with link\$3 with ((hetero near bond) or ((ether or ester or thioether or thioester or sulfonyl or amide or imide or sulfonamide or urethane or urea or thiourea) near (bond))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:14



## EAST Search History

S13 3	84	((bi\$valent or bivalent or di\$valent or divalent) near link\$3 with ((hetero near bond) or ((ether or ester or thioether or thioester or sulfonyl or amide or imide or sulfonamide or urethane or urea or thiourea) near (bond))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:16
S13 4	19	((bi\$valent or bivalent or di\$valent or divalent) near link\$3 with ((hetero near bond) or ((ether or ester or thioether or thioester or sulfonyl or amide or imide or sulfonamide or urethane or urea or thiourea) near (bond)))) and pigment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 13:21
S13 5	11	((bi\$valent or bivalent or di\$valent or divalent) near link\$3 with ((hetero near bond) or ((ether or ester or thioether or thioester or sulfonyl or amide or imide or sulfonamide or urethane or urea or thiourea) near (bond)))) and pigment and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 12:01
S13 6	4	("100095942" "2001181548" "6521031").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:15
S13 7	294	(oil near soluble near dye) same (water near soluble near dye)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 12:13
S13 9	56	(oil near soluble near dye) same (water near soluble near dye) and (347/100 or "106"/\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 12:45
S14 0	11	(oil near soluble near dye) with (hydrophobic with polymer) and (347/100 or "106"/\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 12:47

## EAST Search History

S14 1	0	(water near soluble near dye) with (hydrophobic near polymer) and (347/100 or "106"/\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 12:48
S14 2	2	(water near soluble near dye) same (hydrophobic near polymer) and (347/100 or "106"/\$5) .	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 12:48
S14 3	1	10/765929	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:13
S14 4	0	("200200067399").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:16
S14 5	2	("20020067399").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:16
S14 6	2	"6068963".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/12 11:39
S14 7	2	"6048660".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/12 14:52
S14 8	1	10/767062	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/12 11:59

## EAST Search History

S14 9	879	("CH.sub.2CH"(OH)"CH.sub.2O")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/12 11:59
S15 0	81	("CH.sub.2CH"(OH)"CH.sub.2O")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2006/05/12 12:22
S15 1	81	("CH.sub.2CH"(OH)"CH.sub.2O") or ("CH.sub.2C"("CH.sub.3")(OH)"CH. sub.2O")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2006/05/12 12:23
S15 2	81	("CH.sub.2CH"(OH)"CH.sub.2O") or ("CH.sub.2C"("CH.sub.3")(OH)"CH. sub.2O") and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2006/05/12 12:23
S15 3	81	("CH.sub.2CH"(OH)"CH.sub.2O") or ("CH.sub.2C"("CH.sub.3")(OH)"CH. sub.2O")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2006/05/12 12:24
S15 4	81	("CH.sub.2CH"(OH)"CH.sub.2O") or ("CH.sub.2C"("CH.sub.3")(OH)"CH. sub.2O") and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2006/05/12 12:24
S15 5	22	((("CH.sub.2CH"(OH)"CH.sub.2O") or ("CH.sub.2C"("CH.sub. 3")(OH)"CH.sub.2O")) and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2006/05/12 13:36
S15 6	2	((("CH.sub.2CH"(OH)"CH.sub.2O") or ("CH.sub.2C"("CH.sub. 3")(OH)"CH.sub.2O")) and 347/100	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2006/05/12 13:37

## EAST Search History

S15 7	3	((("CH.sub.2CH"(OH)"CH.sub.2O") or ("CH.sub.2C"("CH.sub.3")(OH)"CH.sub.2O") or ("CH.sub.2C"("C.sub.2H.sub.5")(- OH)"CH.sub.2O")) and ("106"/\$5 or 347/100)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2006/05/12 13:41
S15 8	2	10/797062 or 10/765929	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/12 14:53
S15 9	2	10/767062 or 10/765929	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/12 15:20
S16 0	2	ink and (oil\$soluble near dye) same (oil\$soluble near polymer) same pigment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/12 15:28
S16 1	13	ink and (oil\$soluble near dye) same pigment and (oil\$soluble near polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/12 15:26
S16 2	44	ink and ((oil\$soluble or hydrophobic) near dye) same pigment and ((oil\$soluble or hydrophobic) near polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/12 15:28
S16 3	77	ink and (oil\$soluble near dye) and (oil\$soluble near polymer) and pigment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/12 15:29
S16 4	66	ink and (oil\$soluble near dye) same (oil\$soluble near polymer) and pigment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/12 15:29

## EAST Search History

S16 5	11	ink and (oil\$soluble near dye) same pigment and (oil\$soluble dye) same (oil\$soluble near polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/10 10:14
S16 6	1	11/043215	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/13 14:49
S16 7	1	11/058804	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/13 14:49
S16 8	200	(oil near soluble) near3 (dye and polymer) and (pigment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/06/05 12:10
S16 9	165	(oil near soluble) near3 (dye and polymer) and (pigment) and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/06/05 12:11
S17 0	42	(oil near soluble) near3 (dye and polymer) and (pigment) and 347/100	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/06/05 12:42
S17 1	2	"20030061965"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/06/05 12:20
S17 2	1	10/765929 and oil\$soluble near polymer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/06/05 12:23

## EAST Search History

S17 3	38	oil\$soluble near polymer with stability	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/06/05 12:23
S17 4	24	oil\$soluble near polymer with stability and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/06/05 12:41
S17 5	2	"20030073563"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/06/05 12:41
S17 6	36	hanaki.in. and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/06/05 12:41
S17 7	2	(oil near soluble) near3 (dye and polymer) and (pigment) and (photo\$polymeriz\$4 with monomer) and 347/100	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/06/05 12:43
S17 8	8	(oil near soluble) near3 (dye and polymer) and (pigment) and (photo\$polymeriz\$4 with monomer) and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/06/05 12:43
S17 9	2	"6068963".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2007/01/10 10:03
S18 0	1	"6068963".pn. and (ink same (dye and pigment))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2007/01/10 10:10

## EAST Search History

S18 1	1	"6068963".pn. and ((dye same pigment))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2007/01/10 10:13
S18 2	49	347/100.ccls. and (soluble same dye same pigment) and ((ether or ester or thioether or thioester or sulfonyl or amide or imide or sulfonamide or urethane or urea or thiourea) with bond\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2007/01/10 10:19
S18 3	2	"5599859".pn. and (soluble same dye)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2007/01/10 10:25
S18 4	1	10/767062	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2007/01/24 10:31
S18 5	141	((aono.in. near toshiaki) or (ikeda.in. near kenji)) and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/24 09:50
S18 6	1	1998-280511.NRAN.	DERWENT	AND	OFF	2007/01/24 09:54
S18 7	526	ink and (MP103 or MP203 or MP102 or (MP adj "102") or (MP adj "103") or (MP adj "203"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2007/01/24 10:38
S18 8	3	ink and (MP103 or MP203 or MP102 or (MP adj "102") or (MP adj "103") or (MP adj "203")) and aono.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2007/01/24 10:48
S18 9	2	"6197724".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2007/01/24 10:54

## EAST Search History

S19 0	2	"20030235707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2007/01/24 10:49
S19 1	1	2004-081572.NRAN.	DERWENT	AND	OFF	2007/01/24 10:49
S19 2	2	"5753422".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2007/01/24 10:58